

METHODS AND SYSTEMS FOR FORMING SLOTS IN SUBSTRATE

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ABSTRACT

The described embodiments relate to methods and systems for forming slots
10 in a substrate. In one exemplary embodiment, a slot is formed in a substrate that
has first and second opposing surfaces. A first trench is dry etched through the
first surface of the substrate. A second trench is created through the second
surface of the substrate effective to form, in combination with the first trench, a
slot. At least a portion of the slot passes entirely through the substrate, and the
15 maximum width of the slot is less than or equal to about 50 of the thickness of the
substrate.